

**IN THE CLAIMS:**

Please re-write the claims as follows:

- 1     1.     (Currently Amended) A conformable fuel cell, comprising:
  - 2             (A)     a membrane electrolyte intimately interfacing with a catalyst layer
  - 3             along each of the membrane's major surfaces being a catalyzed membrane electro-
  - 4             lyte, having an anode aspect and a cathode aspect, and which catalyzed membrane
  - 5             electrolyte is conformable to a desired shape;
  - 6             (B)     diffusion layers sandwiching said catalyzed membrane electrolyte,
  - 7             said diffusion layers being comprised of materials that are conformable;
  - 8             (C)     flexible current collectors coupled with each of said anode aspect
  - 9             and said cathode aspect of said membrane electrolyte;
  - 10            (D)     fuel delivery means coupled with said anode aspect of said mem-
  - 11            brane electrolyte that delivers fuel substantially uniformly to said anode aspect
  - 12            while said fuel cell maintains said desired shape; and
  - 13            (E)     electrical coupling disposed across said anode aspect and said
  - 14            cathode aspect and having means for connection to an application device being
  - 15            powered by said fuel cell.
- 1     2.     (Original) The conformable fuel cell as defined in claim 1 wherein said current
- 2     collectors at each of said anode aspect and said cathode aspect apply adequate compres-
- 3     sion effectively over the active area of the membrane electrolyte.
- 1     3.     (Original) The conformable fuel cell as defined in claim 2 wherein said compres-
- 2     sion applied to said active area is equal to or greater than about 100 psi.

1 4. (Currently Amended) The conformable fuel cell as defined in claim 1 further  
2 comprising ~~effective~~ management of water management from cathode to anode such that  
3 water management is achieved within the fuel cell.

1 5. (Original) The conformable fuel cell as defined in claim 1 wherein said fuel is  
2 substantially comprised of at least one of the following: a vapor fuel, a gel fuel, a liquid  
3 fuel and combinations thereof.

1 6. (Currently Amended) The conformable fuel cell as defined in claim 1 further  
2 comprising a dedicated layer of material that substantially expands, ~~thus imparting com-~~  
3 ~~pression, upon at least one of the following: hydration, thus imparting compression, ex-~~  
4 ~~posure to fuel, and exposure to heat.~~

1 7-11 (Cancelled)

1 12. (Previously Presented) The conformable fuel cell as defined in claim 1 wherein  
2 said conformable fuel cell is shaped to conform to one of the following:

- 3 (A) a body segment; and  
4 (B) a contoured wall of an application device; and  
5 (C) an exterior housing or an interior volume of an application device.

1 13. (Currently Amended) The conformable fuel cell as defined in claim 1 wherein  
2 said conformable fuel cell is configured to ~~attached~~ to an article of clothing mechanically.

1    14.    (Previously Presented) The conformable fuel cell as defined in claim 1 wherein  
2    fuel delivery is accomplished from a detachable conduit that connects to said anode as-  
3    pect of the fuel cell.

1    15-25 (Cancelled)

Please add new claims 26, *et seq.* as follows:

1    26.    (New) The conformable fuel cell as defined in claim 1 further comprising a dedi-  
2    cated layer of material that substantially expands upon exposure to fuel, thus imparting  
3    compression.

1    27.    (New) The conformable fuel cell as defined in claim 1 further comprising a dedi-  
2    cated layer of material that substantially expands upon exposure to heat, thus imparting  
3    compression.